

Table 1: Significance table.

| | Events _{afterαlphat$_2$jets$_a$ and $PF DL_{cuts}$} | Events _{afterαlphat$_2$jets$_a$ and $D L_{cuts}$} |
|-------------------------------------|---|---|
| QCD _{$Pt15$} | 0 +- 0 | 0 +- 0 |
| QCD _{$Pt30$} | 387.2 +- 387.2 | 0 +- 0 |
| QCD _{$Pt80$} | 87.36 +- 29.12 | 0 +- 0 |
| QCD _{$Pt170$} | 51.6 +- 3.753 | 2.184 +- 0.7722 |
| QCD _{$Pt300$} | 14.49 +- 0.4333 | 0.5052 +- 0.08089 |
| QCD _{$Pt470$} | 1.802 +- 0.0498 | 0.001376 +- 0.001376 |
| QCD _{$Pt800$} | 0.05821 +- 0.001405 | 0 +- 0 |
| QCD _{$Pt1400$} | 0.0003603 +- 1.075e-05 | 0 +- 0 |
| TTbar _{$t emp$} | 1.674 +- 0.08017 | 0.3187 +- 0.03498 |
| WJets _{$t emp$} | 5.12 +- 0.645 | 1.219 +- 0.3147 |
| ZJets _{$t emp$} | 0.5991 +- 0.2118 | 0.07489 +- 0.07489 |
| ww _{$p at_1$} | 0.2389 +- 0.04292 | 0.03083 +- 0.01542 |
| wz _{$p at_1$} | 0.08125 +- 0.01564 | 0.06019 +- 0.01346 |
| zz _{$p at_1$} | 0.01907 +- 0.004374 | 0.02208 +- 0.004707 |
| LM3 _{$t emp$} | 1.852 +- 0.03063 | 1.425 +- 0.02686 |
| Significancy | 0.07894 | 0.6779 |
| QCD Significancy | 0.0795 | 0.8685 |